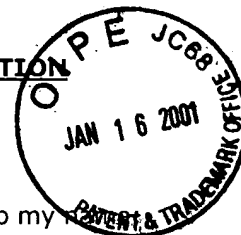


DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION



As a below named inventor, I hereby declare:

that my residence, post office address, and citizenship are as stated below next to my name

that I verily believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**A METHODOLOGY FOR THE DESIGN OF HIGH-PERFORMANCE COMMUNICATION
ARCHITECTURES FOR SYSTEM-ON-CHIPS USING COMMUNICATION ARCHITECTURE TUNERS**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PRIORITY:

I hereby claim foreign priority benefits under Title 35 United States Code §119, §172 or §365 of any foreign application(s) for patent or inventor's certified listed below, and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed.

Application Number	Country	Filing Date	Priority
--------------------	---------	-------------	----------

PROVISIONAL APPLICATION:

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior art United States application in the manner provided by the first paragraph of Title 35, United States Code, §, I acknowledge my duty to disclose any material information under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial Number	Filing Date	Status
60/186,751	March 3, 2000	(pending)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276;

Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603, and George F. Lehnigk, Reg. No. 36,359.

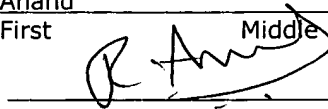
Send correspondence to: SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3202
(202) 293-7060

Direct Telephone Calls to: Howard L. Bernstein
(202) 293-7060

Full name of first joint-inventor:

Anand Raghunathan
First Middle Last

Inventor's Signature:

 Date: 9/8/00

Residence: 4106 Fox Run Drive
Plainsboro, NJ 08536


Citizenship: INDIA

Post Office Address: c/o NEC C & C Research Laboratories
4 Independence Way
Princeton, New Jersey 08540

Full name of second joint-inventor:

Ganesh Lakshminarayana
First Middle Last

Inventor's Signature:

 Date: 9/8/00

Residence: 6707 Runens West
Plainsboro, NJ 08536

Citizenship: INDIA

Post Office Address: c/o NEC C & C Research Laboratories
4 Independence Way
Princeton, New Jersey 08540

Full name of third joint-inventor:

Kanishka Lahiri
First Middle Last

Inventor's Signature:

 Date: 9/9/00

Residence: 3927A Miramar Street
La Jolla, CA 92037

Citizenship: INDIA

Post Office Address: c/o NEC C & C Research Laboratories
4 Independence Way
Princeton, New Jersey 08540

Full name of fourth joint-inventor:

<u>Sujit</u>	<u>Dey</u>
First	Last

Middle

Inventor's Signature:



Date:

12/12/02

Residence: 4233 Calle Isabellino
San Diego, CA 92130

Citizenship: USA

Post Office Address: c/o NEC C & C Research Laboratories
4 Independence Way
Princeton, New Jersey 08540